

### Abstract of the disclosure

- 5 The present invention relates to antibodies with sub-nanomolar affinity specific for a characteristic epitope of the ED-B domain of fibronectin, a marker of angiogenesis. Furthermore, it relates to the use of radiolabelled high affinity anti ED-B antibodies for detecting new-forming blood vessels in vivo and a diagnostic kit comprising comprising said antibody. Furthermore, it relates to conjugates  
10 comprising said antibodies and a suitable photoactive molecules (e.g. an appropriately chosen photosensitizer or radionuclide), and their use for the selective light-mediated occlusion of new blood vessels.